

ABSTRACT OF THE DISCLOSURE

Please substitute the following Abstract of the Disclosure for the version originally filed on page 78 of the above-identified application.

A fiber optic plate is formed by arranging, in a mutually adjacent manner, a number of individual fiber plates of a same thickness so as to provide a light guiding plane for use in a radiation image pickup apparatus. Each of the individual fiber plates is composed of a group of optical fibers having mutually parallel axes, and the lateral faces of the individual fiber plates are mutually bonded so that the axes of the optical fibers thereof become mutually parallel.